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2709/0F833

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Petteri ANNAMAA; Tero KUITTINEN; Mika BORDI and Pertti PUURUNEN

U.S. National Phase of International Application No: PCT/FI98/00982

Filed: December 15, 1998

Serial No.: 09/335,022

Filed: July 19, 1999

For: DUAL FREQUENCY HELIX ANTENNA ?

August 11, 1999

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

In order to comply with 37 CFR 1.197 and 1.98, attached hereto is a copy of Form
PTO-1449 and copies of the documents listed thereon.

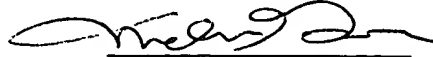
In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Search Report issued June 2, 1999 for the European counterpart of the present patent application, in which the presently disclosed references were cited. Since a translation of the Search Report is also enclosed, it is believed that the applicants in the above-identified patent application have now met the "concise explanation" requirement of 35 C.F.R. 1.98.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,



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LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

DOCKET NO.: 2709/OF833 SERIAL NO: 09/355,022
APPLICANT: Petteri ANNAMAA; Tero KUITTINEN; Mika BORDI and Pertti PUURUNEN
FILING DATE: July 19, 1999



U.S. PATENT DOCUMENTS

| *EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|-----------------------|--------------------|---------------|------|-------|----------|---------------|
| | 5,436,633 | July 25, 1995 | Liu | H01Q | 1/36 | Oct. 25, 1993 |

FOREIGN PATENT DOCUMENTS

| *EXAMINER INITIALS | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|-----------------------|--------------------|---------------|---------|-------|----------|-----------------------|
| | WO 98/15029 | 9 April, 1998 | PCT | H01Q | 1/36 | |
| | FI 98165 | 15 Jan. 1997 | Finland | H01Q | 1/24 | X |

OTHER REFERENCES
(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)

*EXAMINER
INITIALS

EXAMINER: _____ DATE CONSIDERED: _____

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.